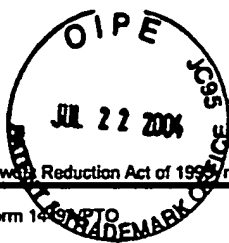


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Application Number	10/823.939
Filing Date	04/14/2004
First Named Inventor	John William Krawczyk
Art Unit	1763
Examiner Name	
Attorney Docket Number	2004-0090.02

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
WV		US- 3958255	05/18/1976	IBM Corp	
		US- 5087591	02/11/1992	Texas Instruments	
		US- 5320932	06/14/1994	Kabushiki Kaisha	
		US- 5350491	09/27/1994	Advanced Micro Dev.	
		US- 5350492	09/27/1994	Advanced Micro Dev.	
		US- 5362356	11/08/1994	LSI Logic Corp	
		US- 6204182	03/20/2001	Hewlett-Packard	
		US- 6207491	03/27/2001	Vanguard International	
		US- 6284606	09/04/2001	Chartered Semicond.	
		US- 6294474	09/25/2001	Vanguard International	
		US- 6402301	06/11/2002	Lexmark	
		US- 6595627	07/22/2003	Samsung Electronics	
		US- 6620732	09/16/2003	Newport Fab LLC	
		US- 2004/0077163	04/22/2004	Taiwan Semi.	
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FOREIGN PATENT DOCUMENTS

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WV		JP 2002-046266	02/12/2002	Ricoh Co. (w/ Eng. abs.)		
WV		TW 0405204	09/11/2000	United Micro (abstract only)		
WV		TW 0452872	09/01/2001	Promos Tech. (abstract only)		

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